Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

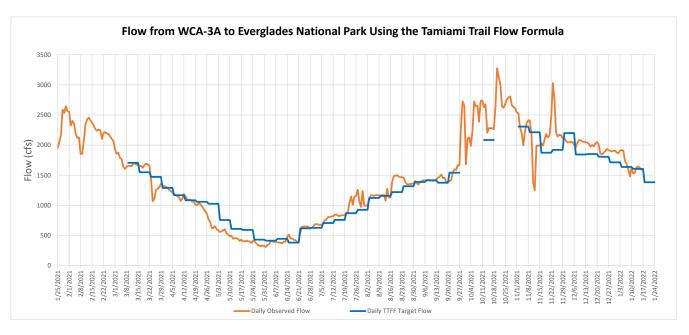
			omaia (m.,		ranget from from the A SA to Etti					
D	Daily Target I	Flow for			1/18/2022	to	1/24/2022	1383	cfs	
Ohserv	/ed Stage [Data								
Station WCA-3A (Average for Site 63, 64 and 65)			<u>Variable</u>			on	1/14/2022	<u>Value</u>	Unit ft-NGVD29	
WCA-3A (/ NESRS2	, ,		Average Daily Stage Average Daily Stage						ft-NGVD29	
Regulatory Stage WCA-3A		A	Average Daily Stage						ft-NGVD29	
Observ	ed Flow D	ata								
Station_			<u>Variable</u>	From	1/8/2022	to	1/14/2022	<u>Value</u>	<u>Unit</u>	
5-12A			7-day Average Daily Flow					0	cfs	
5-12B			7-day Average Daily Flow					0	cfs	
5-12C			7-day Average Daily Flow						cfs	
S-12D			7-day Average Daily Flow					382		
5-333			7-day Average Daily Flow					583		
5-333N			7-day Average Daily Flow					611		
5-334			7-day Average Daily Flow						cfs	
S-12s Total	_		7-day Average Daily Flow					382		
	3N - S334 ¹		7-day Average Daily Flow					1195		
Total Flow			7-day Average Daily Flow					1577	cfs	
	rological D	ata								
<u>Forecasted</u>				From	1/14/2022	to	1/20/2022	<u>Value</u>	<u>Unit</u>	
WCA3 7-day Quantitative Precipitation Foreca			t (QPF)					0.20	in	
BAS3WX - 7	7-day Total Fore	casted PET						0.74	in	
<u>Observed</u>				From	1/8/2022	to	1/14/2022	<u>Value</u>	<u>Unit</u>	
WCA-3 7-day Total Observed NEXRAD Rainfall								0.16		
3AS3WX 7-day Total Observed PET								0.74	in	
			TTFF App	plication	on					
1	Previous week target flow (calculated with forecasted 7-day QPF							1599	cfs	
2	Previous week target flow (recalculated with observed rainfall ar							1589	cfs	
3	Adjustment for forecast (2-1)							-10	cfs	
4	This week calculated target flow							1393	cfs	
5	5 This week target flow with adjustment (3 + 4)							1383	cfs	
Average Daily Target Flow ² 1383 cfs									cfs	
			TTFF formula	a coefficien	ts					
WCA-3A Average Stage (β1) NESRS2 Stage (β2) Previous 7-day Average Flow (β3)				Forecast Pr	ecipitation (β4)	Fo	recast PET (β5)	Regulation Schedule Stage (β6)		

Target flow is distributed from east to west (S-333, S-12D, S-12C, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

24.32

0.644

318.42



 $^{^{1}}$ S-333 + S-333N - S-334 becomes zero if the sum of S-333 and S-333N is less than S-334 flow. Calculation is done daily.

²Actual discharges may vary from target discharges because of changing hydrologic conditions.